



**POWER TO GO
REMOTE**

SOLAR | FUEL | HYBRID

SALES | SERVICE | CUSTOM



COMPACT DIESEL DC GENERATORS



POWER YOU CAN TRUST

- Quiet, lightweight and compact
- Remarkable fuel economy
- Variable engine speed
- Powdercoated aluminium enclosure
- Direct-drive alternator
- Charges any battery type
- Robust design
- Easy maintenance
- 2 Year limited warranty
- Ideal for:
 - hybrid power plants
 - solar power backup
 - telecommunications

Compact, quiet and virtually unbreakable, PowerMaker Outback is built tough for any environment or application. It is ideal for hybrid power plants, solar power backup, commercial vehicles, fixed and mobile equipment, LED flood lighting, remote area signalling, and telecommunications.

Using variable speed technology, PowerMaker Outback has been designed to reduce noise and ensure your generator runs at the most efficient speed, saving fuel and extending your engine's life.

PowerMaker Outback DC diesel generator has remarkable fuel economy. It use 20% less fuel than any other conventional engine powered generator to generate electrical energy. It uses 40% less fuel to charge your batteries.

Powermaker Outback's dependable automatic feature runs the generator to charge your batteries in the best possible manner using the least possible fuel. It monitors your batteries' voltage level, and will start up automatically so that your batteries never discharge below their critical level, ensuring they last as long as they were meant to.

PowerMaker Outback is designed and built in Australia by the leaders in generator technology using only the highest grade materials and an Australian-wound, totally-enclosed alternator with virtually no losses. Its highly-regarded air-cooled Yanmar diesel engine has been selected as the best possible fit for a truly superior product.

Customise your Enquest PowerMaker Outback to suit your needs. Let Enquest design a product to suit your application.

POWERMAKER Outback 2.0/2.5 POWERMAKER Outback 3.5

	2.0	2.5	3.5
Portable	Yes	Yes	Yes
Operation	Automatic	Automatic	Automatic
Power	2.0kW @ 14V	2.5kW @ 28V	3.5kW @ 28V
Voltage	12V DC	24/48V DC	24/48V DC
Fuel	Diesel	Diesel	Diesel
Weight	70kg	70kg	95kg



ENIQUEST
INDEPENDENT POWER INNOVATIONS

POWER TO GO

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The facts you need to know about Enquest generators

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POWERMAKER Outback 2.0/2.5

POWERMAKER Outback 3.5

POWERMAKER Outback			
Model	Outback 2.0	Outback 2.5	Outback 3.5
Output power - Continuous*	2.0kW @ 14.0V DC	2.5kW @ 28.0V DC	3.5kW @ 28.0V DC
Nominal output voltage	12V DC	24V DC (48V optional)	24V DC (48V optional)
Maximum battery charging amps*	140A	85A	125A
Bulk charge current	Up to 140A	Up to 80A	Up to 125A
Absorption charge voltage	Up to 14.3V programmable	Up to 28.6V programmable	Up to 28.6V programmable
Battery charging typology	Two stage, constant current, constant voltage		
Engine			
Engine make/model	Yanmar L48N	Yanmar L48N	Yanmar L70N
Engine type	Diesel, naturally aspirated, direct injected, industrial		
Engine displacement	220cc	220cc	320cc
Number of cylinders	1		
Operating speed - RPM	2900 to 3400 automatic variable	2900 to 3400 automatic variable	2900 to 3600 automatic variable
Cooling method	Air cooled with engine fan		
Fuel type	Automotive diesel		
Fuel consumption	Full load - 0.8 litres/hour	Full load - 0.8 litres/hour	Full load - 1.2 litres/hour
Fuel lift pump	Electric		
Maximum fuel suction capability	1.6 metres vertical		
Starting	12V	24V (12V optional)	24V (12V optional)
Lube oil type	SAE15W40 in ambients from -15°C to 40°C		
Lube oil capacity	0.8 litres	0.8 litres	1.4 litres
Maximum angle of continuous operation	20°		
Crank case oil evacuation	Drain valve		
Service intervals	150 hours (250 hours optional)		
Alternator			
Alternator make/model	Enquest SF2.5	Enquest SF2.5	Enquest SF3.5
Alternator type	Permanent magnet, brushless, with bearingless rotor		
Enclosure	Totally enclosed		
Windings	Three-phase star connected		
Voltage control	Variable engine speed		
Voltage control accuracy	Within +/- 2%		
Rectifier type	Full wave dual bridge		
Alternator to engine coupling	Direct drive		
General			
Enclosure type	Noise reducing, fully enclosed, with front access door in powder coated aluminium with integrated multi-chamber exhaust silencer		
Noise emission @ full power	66 dBA @ 7 metres		
Vibration isolation	High isolation angled at 45° for movement restraint		
Control type	DSP based with engine protection		
Dimensions - L x W x H in mm	615 x 460 x 450	615 x 460 x 450	630 x 490 x 524
Weight	70kg	70kg	95kg
Normal operating temperature range	-15°C to +40°C		
Derating for temperature using current limit	3% for every 10°C above 27 °C		
Normal operating altitude	Sea Level to 3000m		
Derating for altitude	1.3% for every 100m above sea level		

* @ 27°C, 750mmHg, 60% relative humidity

These specifications are subject to change without notice.



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